

3. Disassembly & Reassembly

3-1 Overall Disassembly & Reassembly

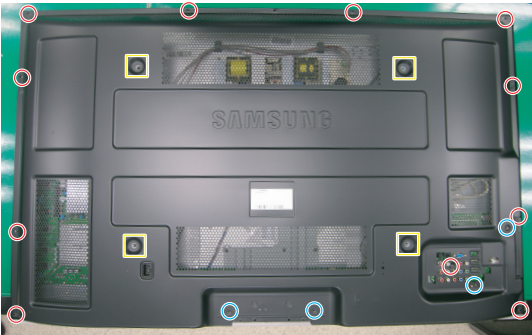
△ Notice

- Be sure to separate the power cord before disassembling the unit.
- Discharge the capacitors first when separating PCB's with high capacity capacitors such as SMPS, X Main Board, Y Main Board, etc. (A spark may be generated by the electric charge, and there is danger of electronic shock.)
- Check that the cables are properly connected referring to the circuit diagram when disassembling or assembling the unit taking care not to damage the cables.
- Take care not to scratch the Glass Filter in the front.
- Assemble the boards in the reverse order of the disassembly.
- The plasma must be laid down on a flat padded surface for disassembly and reassembly.

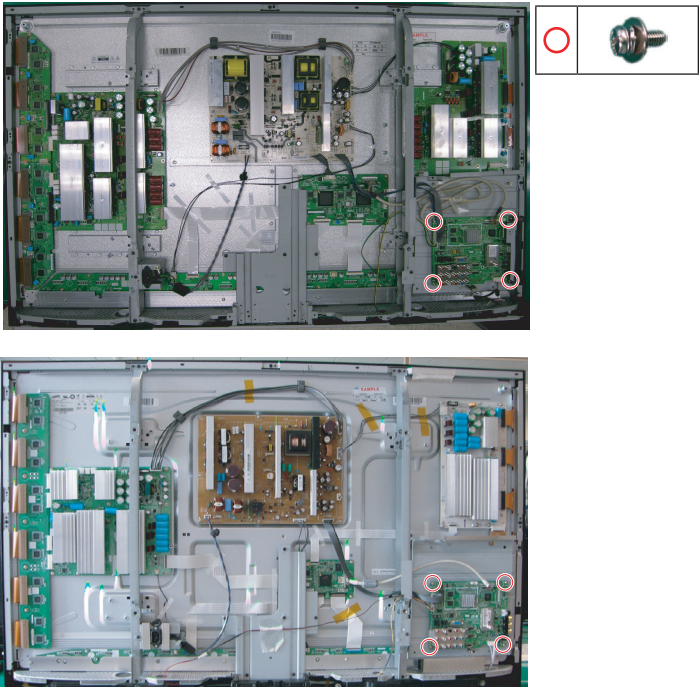
3-1-1 Separation of ASSY STAND P-BASE

Part Name	Description	Description Photo
Stand	① Remove 6 screws. : PH,+,WSP,S,M4,L40,ZPC(BLK), SWRCH18A, ② Pull the stand down to remove it from the unit. △ Please lay the PDP unit face down on a soft surface when removing the stand.	 

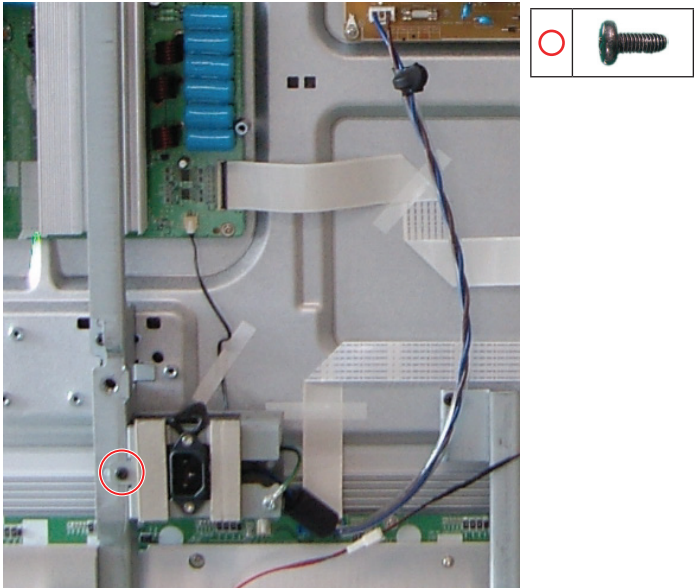
3-1-2 Separation of ASSY COVER P-REAR

Part Name	Description	Description Photo
Cover Rear	① Remove 4 screws. (□) : M8,L16,ZPC(BLK),SWRCH18A,WP ② Remove 11 screws. (○) : BH,+,B,M4,L12,ZPC(BLK),SWRCH18 ③ Remove 4 screws. (●) : BH,+,S,M4,L10,ZPC(BLK),SWRCH18 ④ Remove the rear cover.	   

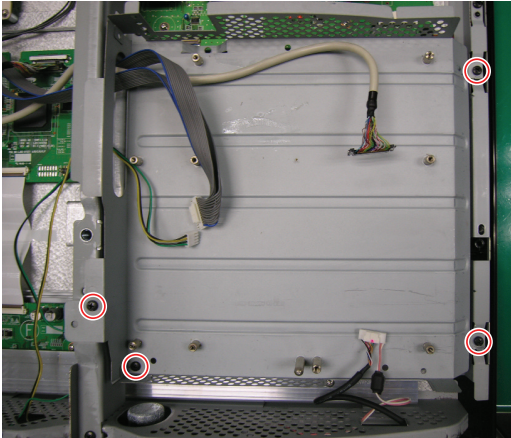
3-1-3 Separation of ASSY PCB MISC-MAIN

Part Name	Description	Description Photo
Main Board	① Detach all connectors from the Main Board. ② Remove 4 screws. : PH,+,WWP,M3,L8,NI PLT ③ Remove the Main Board.	

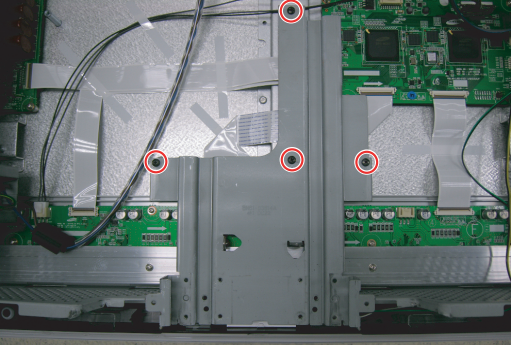
3-1-4 Separation of FILTER-EMI AC LINE

Part Name	Description	Description Photo
FILTER EMI AC LINE	① Detach connector from SMPS. ② Remove a screws. () : FH,+,M3,L10,NI PLT,SWRCH18A,FP, ③ Remove FILTER-EMI AC LINE.	

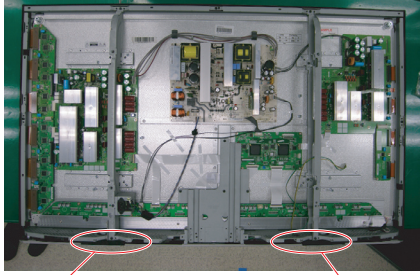
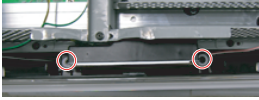
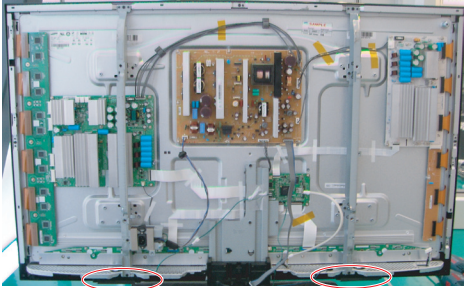
3-1-5 Separation of BRACKET-PCB

Part Name	Description	Description Photo
Bracket PCB	① Remove 4 screws. () : BH,+,S,M4,L10,ZPC(BLK),SWRCH18 ② Remove BRACKET-PCB.	 

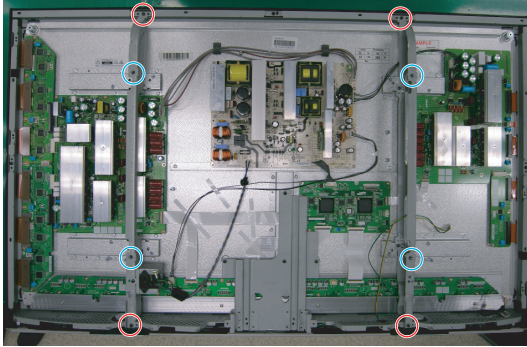
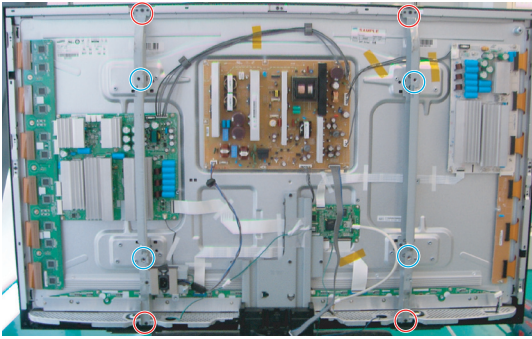
3-1-6 Separation of ASSY BRACKET P-SUPPORT STAND

Part Name	Description	Description Photo
Bracket Support Stand	① Remove 4 screws. : BH,+,PT,S Tite,M4,L10,ZPC(BLK), SWRCH18A, Plastic washer ② Remove the BRACKET-SUPPORT STAND.	 

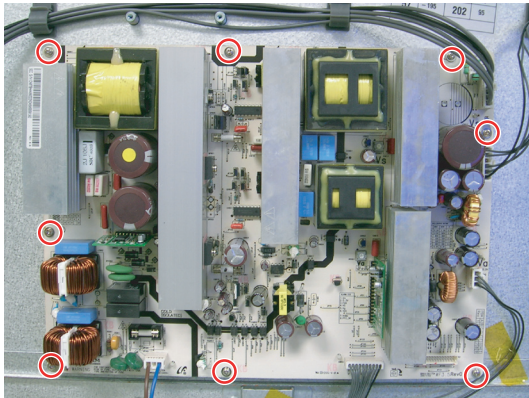
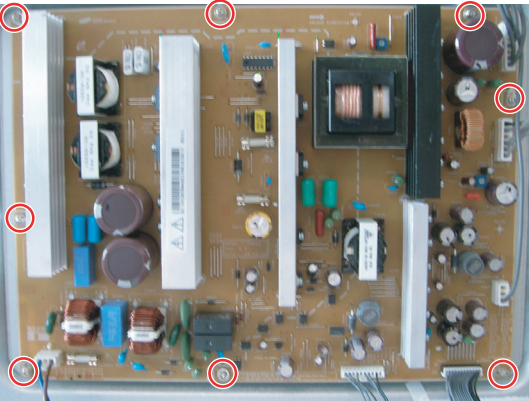
3-1-7 Separation of ASSY P-SPEAKER

Part Name	Description	Description Photo
Holder Module	① Remove 4 screws. (○) : BH,+,WP,B,M4.0,L,12,ZPC(BLK), SWRCH18A ② Remove P-SPEAKER.	     

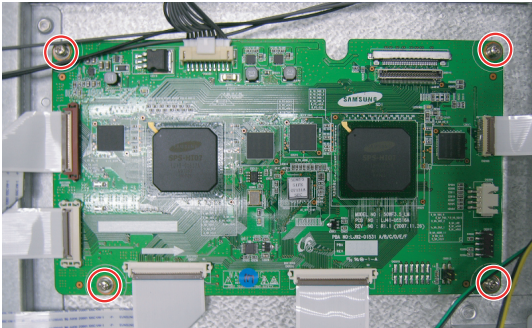
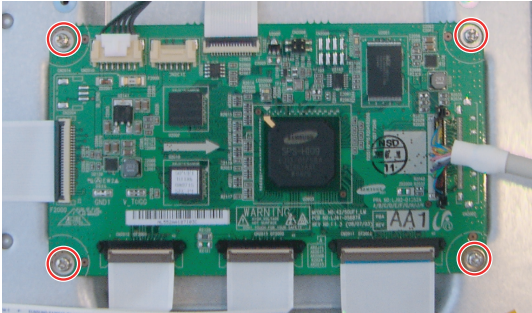
3-1-8 Separation of HOLDER-MODULE

Part Name	Description	Description Photo
Holder Module	① Remove 4 screws. (○) : FH,+,M3,L10,NI PLT,SWRCH18A,FP, ② Remove 4 screws. (○) : BH,+,PT,S Tite,M4,L10,ZPC(BLK), SWRCH18A, Plastic washer ③ Remove Holder Module. ⚠ Please lay the PDP panel face down on a soft surface when separating front cover.	     

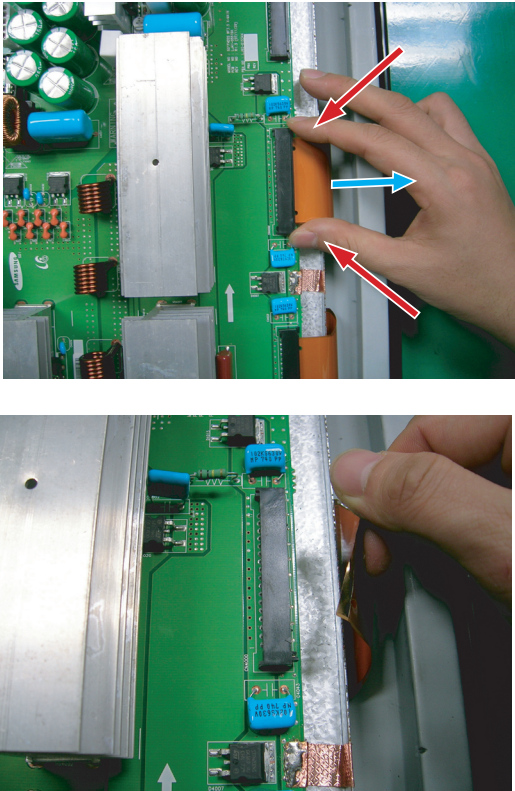
3-1-9 Separation of ASSY SMPS-PDP TV

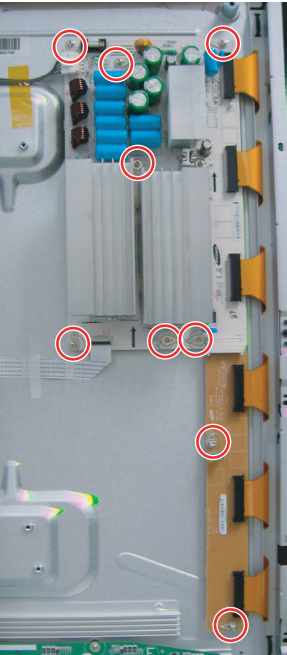
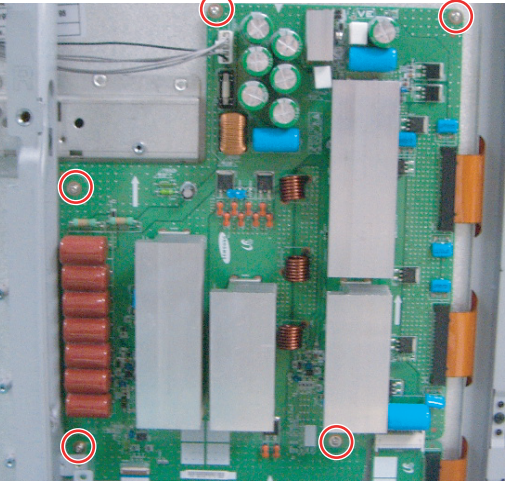
Part Name	Description	Description Photo
SMPS	① Detach all connectors from the SMPS. ② Remove 8 screws. : PH,+,WWP,M3,L8,NI PLT,SWRCH18A ③ Remove the SMPS. ⚠ Wear gloves when handling the power board as there may be some remaining electrical charge in the capacitor. Specifically, avoid touching any part of the capacitor.	  

3-1-10 Separation of ASSY PDP MODULE P-LOGIC MAIN BOARD

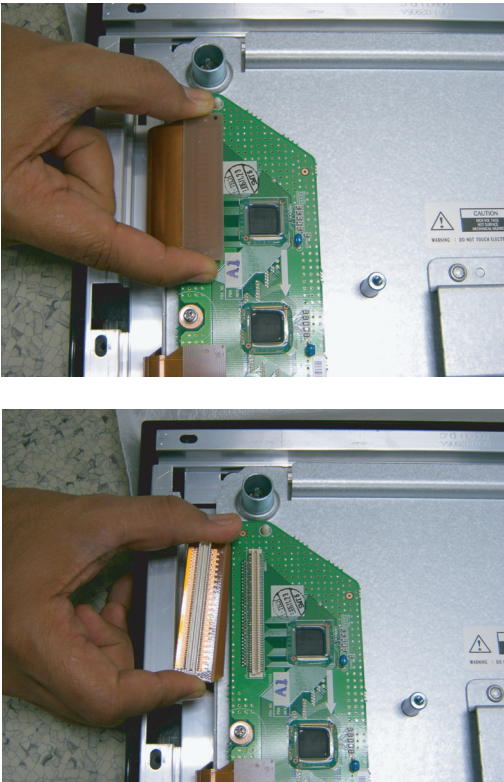
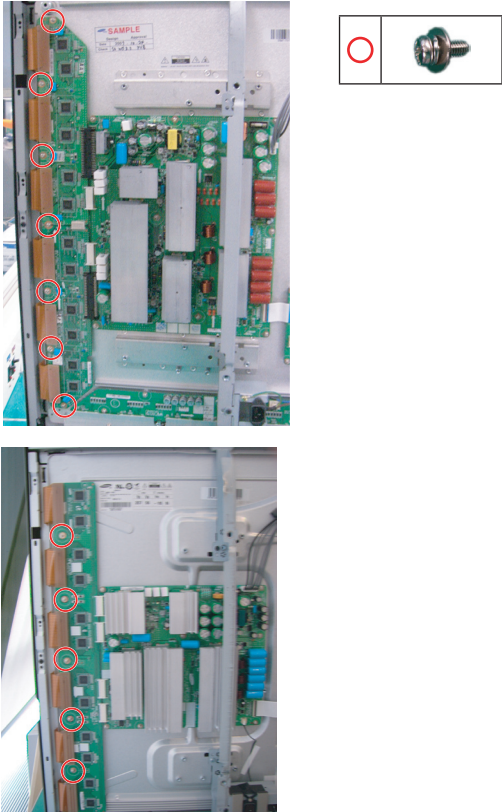
Part Name	Description	Description Photo
Logic Board	① Detach all connectors from the Logic Main Board. ② Remove 4 screws. : PH,+,WWP,M3,L8,NI PLT,SWRCH18A ③ Remove the Logic Main Board.	  

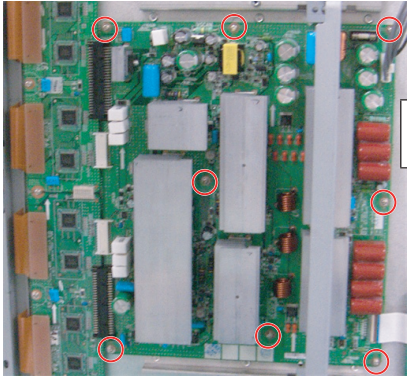
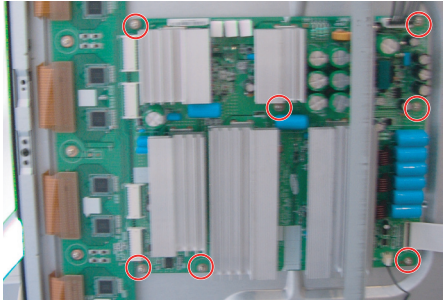
3-1-11 Separation of ASSY PDP MODULE P-X MAIN BOARD

Part Name	Description	Description Photo
Flat Cable	① Detach all Connectors from the X-Main Board. ※ To separate the Flat Cable of the X-Board, press the upper and the lower sides of the connector.	

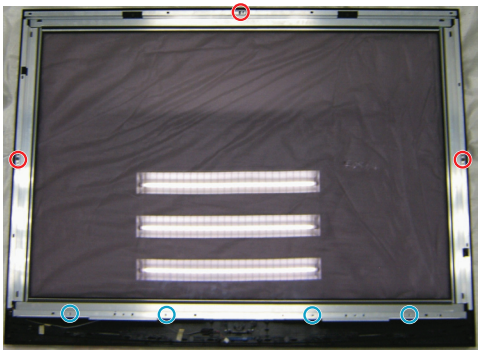
Part Name	Description	Description Photo
X-Main Board	① Remove 5, 9 screws. : PH,+,WWP,M3,L8,NI PLT,SWRCH18A ② Remove the X-Main Board.	  

3-1-12 Separation of ASSY PDP MODULE P-Y MAIN BOARD

Part Name	Description	Description Photo
Flat Cable	① Detach the 6 scan board connectors from the panel by pulling the holder from both the top and bottom ends.	
Y-Scan Board	① Remove 7,5 screws. : PH,+,WWP,M3,L8,NI PLT,SWRCH18A	

Part Name	Description	Description Photo
Y-Main Board	① Detach all connectors from the Y-Main Board. ② Remove 8,7 screws. : PH,+,WWP,M3,L8,NI PLT, SWRCH18A ③ Remove the Y-Main Board.	 

3-1-13 Separation of ASSY PANEL BRACKETS

Part Name	Description	Description Photo
Panel Brackets	① Remove 3 screws. (○) : BH,+,B,M4,L3,ZPC(BLK) ② Remove 4 screws. (○) : BH,+,S,M4,L10,ZPC(BLK) ③ Remove the Side Panel Brackets.	

3-1-14 Separation of ASSY PCB FUNCTION

Part Name	Description	Description Photo
Function Board	① Detach the all connectors from the buffer board. ② Remove the Function Board.	